

City of Santa Barbara
Greenhouse Gas Emission Reduction Strategies
Feasible Projects - Capital Resources Needed

Attachment 3

Energy Conservation

	Project Description	CO ₂ Impact
1	Replace HVAC system as part of Police Department Locker Room remodel and boiler replacement.	high
2	Install Direct Digital Controls for HVAC system at Police Station.	medium
3	Mechanical retro-commissioning process for plants and non-General Fund buildings.	medium
4	Replace old HVAC equipment. There is currently no system in place that plans for the replacement of systems. Many systems are past their useful life and are very inefficient.	low
5	Perform more detailed energy assessments on General fund facilities, beginning with high energy use facilities.	n/a

Fuel Use Reduction/Use of Alternate Fuels

	Project Description	CO ₂ Impact
6	Replace 1 ton gasoline vehicles with bio-diesel vehicles.	low

Renewable Energy Generation

	Project Description	CO ₂ Impact
7	Install solar PV on City facilities.	high
8	Install solar thermal at Marina 2, 3 & 4 restrooms in place of natural gas.	high
9	Install solar thermal at Los Banos for heating of the pool and showers.	medium
10	Install solar thermal for water heating at Fire Station 1.	low
11	Install solar thermal for water heating at all Fire Stations.	low